

*Healths Combined  
Dept*

1941

# PUBLIC HEALTH REPORTS

FOR THE

UNITED HEALTH AREA

COMPRISING

Borough of Newark

Southwell Rural District

Newark Rural District

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BY

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

Medical Officer of Health for the Area

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Reports of Sanitary Inspectors appended



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# BOROUGH OF NEWARK

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Mayor                      Alderman B. J. Howard

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## *Public Health Committee :*

Alderman P. J. C. STANILAND, M.B.E., J.P., C.C. (*Chairman*)  
Alderman G. WALKER  
Alderman L. C. B. APPLEBY, J.P.  
Councillor E. K. WALKER  
Councillor H. F. HINE  
Councillor P. KINMONT, J.P.  
Councillor C. CLUTTERBUCK  
Councillor Mrs. QUIBELL

## *Isolation Hospital Sub-Committee :*

Alderman P. J. C. STANILAND, M.B.E., J.P., C.C. (*Chairman*)  
Alderman L. C. B. APPLEBY, J.P.  
Councillor H. F. HINE  
Mr. G. A. SMITHSON (Newark R.D.C.)

## *Maternity and Child Welfare Committee :*

Alderman P. J. C. STANILAND, M.B.E., J.P., C.C. (*Chairman*)  
Alderman G. WALKER  
Alderman L. C. B. APPLEBY, J.P.  
Councillor E. K. WALKER  
Councillor H. F. HINE  
Councillor P. KINMONT, J.P.  
Councillor C. CLUTTERBUCK  
Councillor Mrs. QUIBELL  
Mrs. BAXTER  
Mrs. C. NICHOLSON  
Mrs. SEYMOUR

## *Public Health Staff of the Authority :* (as on 31st July, 1942)

### *Medical Officer of Health :*

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

### *Medical Officer of Ante-Natal Clinic :*

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

### *Sanitary Inspector :*

G. H. KEMP, A.M.I.S.E., M.R.S.I., M.S.I.A., Certs. R.S.I. and S.I.A. Board,  
C.M.I. (R.S.I.)

### *Assistant Sanitary Inspector :*

A. DEWHURST, A.R.S.I., M.S.I.A., Cert. R.S.I. and S.I. Joint Board  
(*On Military Service*)

### *Temporary Sanitary Inspector :*

C. D. EALES, A.R.San.I., M.S.I.A., Cert. S.I.B.

### *Health Visitors :*

Mrs. I. GLEGHORN, S.R.N., S.C.M., Cert. R.S.I. for Health Visitors  
Miss E. DAVIES, S.R.N., S.C.M., Cert. R.S.I. for Health Visitors



Public Health Department,  
25 Middlegate,  
Newark,

*20th September, 1942*

Messrs. Chairmen, Ladies and Gentlemen,

I have the honour to present to you my second Annual Report on the sanitary circumstances, health and vital statistics throughout the year 1941.

The Report is an Ordinary Report but is curtailed on account of the necessity for economy.

It is with extreme regret that I record the illness of Mr. Patrick, the clerk in the Public Health Department, and his death in November, 1942. Mr. Patrick entered the Department over 20 years ago and during his long service carried out his duties faithfully and well. Although I had worked with him for only a short time, I quickly learned that his knowledge of Public Health administration was remarkable and that he was a capable and efficient clerk.

I desire to record my thanks to the Members of the Councils and my colleagues in other Departments for their support and interest in the public health activities in the District.

To the members of the Staff of the Department I express my appreciation and gratitude for their unfailing efforts and hard work during the year.

I am,

Your obedient Servant,

G. G. BUCHANAN

# Borough of Newark

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## Statistical Summary for 1941

Area of Borough	3,364 Acres
Number of inhabited houses at the end of 1941	5,696
Rateable Value	£135,221
Sum represented by penny rate	£550-17-11
Birth rate per 1,000 population	18.37
Death rate per 1,000 population	13.80
Infantile Mortality Rate per 1,000 births	43.80

## Vital Statistics for the year 1941

					Total	Males	Females
Live Births 407	Legitimate	..			381	200	181
	Illegitimate	..			26	13	13
Birth Rate per 1,000 estimated resident population mid-1941, 18.37 (14.2)							
Still Births 19	Legitimate	..			18	11	7
	Illegitimate	..			1	1	0
Birth Rate per 1,000 total (live and still) births 44.61.							
Deaths	..	..	..	..	306	165	141
Death Rate per 1,000 estimated average population 13.80 (12.9)							
Number of Women dying in, or in consequence of Childbirth :							
From Puerperal Sepsis		..	0				
From other puerperal causes			0				
				—			
Total	..	..	..	0			
Deaths of Infants under 1 year of age :							
All infants per 1,000 births		..	..	..	..	43.80	(59)
Legitimate infants per 1,000 legitimate live births					..	46.76	
Illegitimate infants per 1,000 illegitimate live births					..	0.	
Deaths from Cancer (all ages)							
		..	..	..	..	44	
Deaths from Measles (all ages)							
		..	..	..	..	0	
Deaths from Whooping Cough (all ages)							
		..	..	..	..	0	
Deaths from Diarrhoea (under 2 years of age)							
		..	..		..	1	

(Note.—Figures given in brackets are corresponding figures for England and Wales).



## Prevalence of, and control over, Infectious Disease

Disease	Total Cases Notified	Cases admitted to Hosp.	Total Deaths
Diphtheria .. .. .	10	7	2
Scarlet Fever .. .. .	17	13	—
Enteric Fever (including Paratyphoid)	7	7	—
Puerperal Pyrexia .. .. .	7	2	1
Pneumonia .. .. .	9	—	20
Measles .. .. .	239	—	—
Whooping Cough .. .. .	45	—	—
Cerebro Spinal Fever .. .. .	6	2	1
Erysipelas .. .. .	3	—	—
Ophthalmia Neonatorum .. .. .	1	—	—
Pulmonary Tuberculosis .. .. .	30	15	15
Non-Pulmonary Tuberculosis .. .. .	7	2	3

# INFECTIOUS DISEASE, 1931—1941

Year	Diphtheria including Membranous Croup	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Fever	Pulmonary Tuberculosis	Other forms of Tuberculosis	Cerebro-Spinal Fever	Ophthalmia Neonatorum	Measles	Pneumonia	Whooping Cough	Total
1931	5	3	19	12	2	19	8		1		6		140
1932	5		35	1	2	13	9		2				194
1933	2	4	13		2	28	4		1		10		109
1934	6	9	33		1	28	4				4		112
1935	3	3	19	2		32	5		2				92
1936	15	6	56			18	4		3		1		103
1937	25	4	30		2	28	5				3		97
1938	134	6	29		4	27	9		3		8		220
1939	81	4	23	1	5						6		120
1940	27	4	24		2	30	8	6		160	7	1	269
1941	10	3	17	7	7	30	7	6	1	239	8	45	381

# INFECTIOUS DISEASES

Analysis of Notified Cases during the year 1941, according to Age Groups

DISEASE	AGE GROUPS											
	Under 1 year	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over
Cerebro-Spinal Fever .. ..	1	—	—	—	—	2	—	—	2	1	—	—
Scarlet Fever .. ..	—	1	—	1	3	4	4	1	3	—	—	—
Diphtheria .. ..	—	1	—	2	—	2	2	—	2	1	—	—
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	1	2	3	1	—	—
Puerperal Pyrexia .. ..	—	—	—	—	—	—	—	—	6	1	—	—
Pneumonia .. ..	—	—	—	—	—	—	—	—	1	2	3	3
Erysipelas .. ..	—	1	—	—	—	—	—	—	—	1	1	—

# TUBERCULOSIS

## New Cases and Mortality during 1941

### Urban District of Newark

Age Periods	New Cases				Deaths			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	1	1	1	—	1	—	1	—
5	1	—	1	1	—	—	—	—
10	—	1	1	2	—	—	—	—
15	3	2	—	1	—	—	—	1
20	2	4	—	—	—	1	—	—
25	3	2	—	—	1	4	—	1
35	2	2	—	—	1	1	—	—
45	2	2	—	—	3	—	—	—
55	1	—	—	—	1	1	—	—
65 & upwards	—	1	—	—	—	1	—	—
Totals	15	15	3	4	7	8	1	2

(1) Non-notified deaths :—Pulmonary Tuberculosis—3

Non-Pulmonary Tuberculosis—1

(2) There was no evidence of excessive mortality from Tuberculosis in any particular occupation in this area.

### Public Health (Prevention of Tuberculosis) Regulations, 1925.

No action has been necessary under these Regulations.

### Public Health Act, 1936. Section 172.

No action has been necessary under the above heading.

## **General Provision of Health Services for the Area Clinics**

(a) Under the control of Newark Borough Council :—

### **Maternity and Child Welfare Centre**

Monday and Thursday, 2 to 4 p.m.

### **Ante-Natal Clinic**

Tuesday (Fortnightly), 2 to 4 p.m.

### **School Clinic**

Monday, Wednesday and Thursday, 9 to 11 a.m.

### **Dental Clinic**

School children—Tuesday and Thursday, 9.30 a.m.

Expectant mothers and pre-school children—arranged as necessary.

These are held at the Public Health Department, Middlegate.

(b) Under the control of Nottinghamshire County Council :—

### **Chest Clinic, 11 Cartergate**

Tuesday 10 a.m. to 12 noon.

(c) Under the Control of Newark and District Cripples Guild :—

### **Orthopaedic Clinic**

Monday, Wednesday and Friday, 10 a.m. to 1 p.m.

3rd and 4th Wednesday each month, 2 to 4 p.m.

The Orthopaedic Surgeon attends on the 4th Wednesday afternoon in each month. The Clinic is held in the Public Health Department, Middlegate.

## **Home Nursing**

No home nursing services are provided by the Borough Council, but the Newark District Nursing Association provide nurses whose services are available for sick and maternity cases. The County Council have two whole-time Midwives resident in the Borough.

## **Isolation Hospital**

Sixty-four cases were admitted during 1941. These were made up as follows :—

Scarlet Fever, 37

Diphtheria, 10

Mumps, 4

Paratyphoid, 6

Chicken Pox, 1

Measles, 6



Of these cases 30 were admitted from the district normally covered by the hospital, namely the Borough (24 cases) and Newark Rural District (6 cases). From outside, cases were admitted as follows :—

<i>District</i>	<i>Number of Cases</i>
Bingham R.D.C.	6 Diphtheria
Carlton U.D.C.	5 (Diphtheria 2, and Scarlet Fever 3)
West Bridgford U.D.C.	2 Diphtheria
West Kesteven R.D.C.	1 Diphtheria
Southwell R.D.C.	1 Paratyphoid Fever

## Laboratory

The Laboratory at the Public Health Department has been well used in 1941, the following work having been carried out :—

	<i>Total</i>		<i>Positive</i>		<i>Negative</i>	
	1941	1940	1941	1940	1941	1940
Swabs examined for Bac. Dip.	466	298	70	36	396	262
Sputum exam. for Tub. Bac.	108	106	8	12	100	94
Other specimens examined	44	20	—	—	—	—

## Maternity and Child Welfare

Although repeated endeavour was made to obtain possession of the Council's new premises at "The Friary" this was unsuccessful and the Clinic remained in Middlegate with overcrowding continuing, and in fact increasing as is shown by the attendances recorded below.

In September an ante-natal clinic was opened and this filled a long felt want in the Borough Health Services. The clinic is held fortnightly with a Medical Officer in attendance at each session.

During the year, in co-operation with the Education Committee, a second Health Visitor was appointed and the area divided into two Health Visiting Districts, each Health Visitor carrying out the supervision of pre-school and school children in her respective district. This arrangement worked admirably and increased the efficiency of the service. It also gave the nurses a wider scope and more varied interest.

## Home Visiting

Visits paid by the Health Visitors numbered 4,148, compared with 3,529 in 1940.

(a)	To expectant mothers	..	..	..	..	69
(b)	To children under 1 year of age	..	..	..	..	1307
(c)	To children between 1 and 5 years	..	..	..	..	2747
(d)	In connection with Infectious Disease	..	..	..	..	25

The number of visits paid to children 1 and 5 years of age indicates that these children are well supervised by the Health Visitors. This is an important work as it is generally found that the toddler is not brought regularly to the Centre and it remains with the Health Visitor to keep watch over them by home visits.

## Child Welfare Centre

Comparison of the attendances indicates increased work and also an increased clinic mindedness of the mothers of Newark. This clinic mindedness is becoming widespread and will have considerable importance in the future of health services and in fact on the future of the work of the medical profession.

Sessions were held twice a week at the Centre, viz., on Monday and Thursday afternoons. The work is supervised by the Medical Officer of Health who attends each Monday afternoon. Children at the commencement of their attendance are medically examined and those whom the Health Visitor or mother later consider not to be progressing normally are referred to the Medical Officer for examination.

The following indicates the work of the Centre :—

	1940	1941
Attendance by children under 1 year of age	3184	3636
Attendance by children between 1 and 5 yrs.	1454	1603
Number of individuals attending for the first time	280	334
Medical Officer's examinations	257	476

## Institutional Provision for Mothers

One bed in the Maternity Wing of the General Hospital is reserved for complicated cases or those whose home conditions are unsuitable for confinement.

The number of women admitted during the year was 5.

By arrangement with the County Council similar cases were treated in County Maternity Beds. The number admitted to County Institutions was one.

## **Dental Treatment of Expectant Mothers and Children under 5 years of age**

This work was undertaken by a part-time Dental Practitioner. Twenty sessions were held at the Public Health Department, attendances numbering 104.

## **Housing**

The inspections of dwellinghouses had to be curtailed during the year under review, but every opportunity was taken to ensure that the housing problem was constantly to the fore.

## **Infectious Diseases**

During the year there was no serious epidemic of infectious disease. In the summer a minor outbreak of Paratyphoid Fever developed, which affected scattered parts of the town and also the surrounding parts of the Rural Districts. Seven cases occurred within the Borough, four in Southwell Rural District and three in Newark Rural District. The cases were all notified within a period of seven weeks and no direct connection between them was apparent. Milk, water and other foods gave no connecting link and in spite of prolonged investigation no source of infection was discovered. Close co-operation with the Regional Medical Officer of the Ministry of Health was maintained during the investigation.

In February a scheme for the immunisation against diphtheria, of pre-school and school children became operative, and by December 297 pre-school and 1,918 school children had received the course of two injections. This Diphtheria Prophylaxis in no small way accounts for the diminished number of cases of diphtheria notified. The number is the smallest for six years, although the risk of infection during this second year of war has undoubtedly been increased.



## SANITARY INSPECTOR'S REPORT FOR 1941

Complaints received .. .. .	97
Nuisances dealt with and abated .. .. .	230
Statutory Notices Served .. .. .	0
Informal Notices served (including letters) .. .. .	205
Letters re Notices .. .. .	94
New water closets provided where found defective .. .. .	31
W.C. pans cleansed .. .. .	110
W.C.'s repaired .. .. .	120
Pail closets repaired and cleansed .. .. .	183
W.C. flushing cisterns provided .. .. .	15
„ „ „ overflow pipes repaired .. .. .	12
„ „ „ flush pipes repaired .. .. .	7
„ „ „ supply pipes repaired .. .. .	12
„ seats repaired .. .. .	7
Choked W.C's cleared .. .. .	33
Drains tested .. .. .	55
Defective drains repaired and re-laid .. .. .	198
New inspection chambers built .. .. .	12
„ „ chamber covers provided .. .. .	9
Drain ventilating pipes tested with smoke .. .. .	7
„ „ „ found choked and cleared .. .. .	12
„ „ „ renewed .. .. .	7
„ „ „ repaired .. .. .	5
Sink waste pipes trapped .. .. .	22
„ „ „ repaired .. .. .	15
Trapped yard gullies fixed .. .. .	19
Spouting and rainwater pipes renewed .. .. .	41
„ „ „ repaired .. .. .	37
Defective roofs repaired .. .. .	41
Yards and passages paving repaired .. .. .	10
Yard paving renewed .. .. .	4
„ „ repaired .. .. .	17
House windows made to open properly .. .. .	10
„ „ repaired .. .. .	7
„ floors renewed .. .. .	12
„ floors repaired .. .. .	12
Ashbins provided (new) .. .. .	367
Houses inspected .. .. .	434
Visits re Merchandise Marks Act .. .. .	148
Cesspits cleansed and repaired .. .. .	54
Ashpits done away with and bins provided .. .. .	22
Ashpits cleansed and repaired .. .. .	19
Pit closets cleansed and repaired .. .. .	6
Pail closets converted to water closets .. .. .	16
Water samples taken .. .. .	13
Food premises visited .. .. .	200

Houses inspected .. .. .	113
„ Re-inspections .. .. .	208
Houses found dirty and cleansed .. .. .	54
„ „ overcrowded .. .. .	70
Pig styes inspected .. .. .	31
„ found insanitary and defective .. .. .	15
„ done away with .. .. .	5
„ repaired .. .. .	10
„ cleansed, and proper drainage provided .. .. .	1
Visits to Dairies, Cowsheds and Milkshops .. .. .	58
„ Slaughterhouses, Markets and Shops (for meat and food Inspection) .. .. .	3,668
„ Fried-Fish Shops .. .. .	34
„ Canal Boats .. .. .	32
„ Bakehouses .. .. .	80
Re-visits re complaints .. .. .	82
Factories and workshops inspections and re-inspections .. .. .	282
Smoke observations taken .. .. .	24
„ nuisances investigated .. .. .	24
„ „ abated .. .. .	20
(Improvements made in the matter of firing and installation of mechanical firing and two instances of improved type of boiler)	

## DISINFECTIONS

Houses disinfected .. .. .	58
Rooms disinfected .. .. .	87
Schools „ .. .. .	28
„ „ (Separate Rooms) .. .. .	143
Articles disinfected at the steam disinfector .. .. .	1,446
Houses fumigated for bug infestation .. .. .	27

Works in connection with drainage and repairs  
carried out under the Public Health Acts :—

Premises visited .. .. .	107
Living vans inspected at fairs and at other times .. .. .	24
Cases of infectious disease investigated .. .. .	34
Premises visited re supervision of disinfection after cases of infectious disease .. .. .	42
Visits to Schools re general sanitary conditions .. .. .	4
Visits to premises where the Scheduled Offensive Trades are carried on .. .. .	12
Accumulations of manure and other offensive matter removed .. .. .	47



## HOUSING

### 1. Inspection of Dwellinghouses during the year 1941

1.	(a)	Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts). .. .. .	113
	(b)	Number of inspections made for the purpose ..	321
2.	(a)	Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 .. ..	134
	(b)	Number of inspections made for the purpose ..	204
3.		Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.. ..	42
4.		Number of dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation .. ..	71

### 2. Remedy of defects during year without service of formal notices

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their officers .. .. .	27
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### 3. Action under Statutory Powers during the year—

(a)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.		
(1)	Number of dwelling-houses in respect of which notices were served requiring repairs .. ..	92	
(2)	Number of dwelling-houses which were rendered fit after service of formal notices.		
(a)	By owners .. .. .	40	
(b)	By Local Authority in default of owners ..	Nil.	

(b) Proceedings under Public Health Acts :—		
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .. .. .	54
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a)	By owners .. .. .	27
(b)	By Local Authority in default of owners ..	Nil.
(c) Proceedings under sections 11 and 13 of the Housing Act, 1936		
(1)	Number of dwelling-houses in respect of which Demolition Orders were made .. ..	Nil.
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders .. ..	Nil.
(d) Proceedings under section 12 of the Housing Act, 1936		
(1)	Number of separate tenements or under-ground rooms in respect of which Closing Orders were made .. .. .	Nil.
(2)	Number of separate tenements or under-ground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .. .. .	Nil.

#### Housing Act, 1936, Part IV.—Overcrowding

(a)	1.	Number of dwellings overcrowded at the end of the year .. .. .	92
	2.	Number of families dwelling therein .. ..	104
	3.	Number of persons dwelling therein .. ..	640
(b)		Number of new cases of overcrowding reported during the year .. .. .	24
(c)	1.	Number of cases of overcrowding relieved during the year .. .. .	17
	2.	Number of persons concerned in such cases ..	112

## MEAT INSPECTION, 1941

Visits to Slaughterhouses, Shops and Markets, 3,668.

Slaughterhouses, 1,561. Shops and Markets, 2,107.

There are three slaughterhouses and are used by the Ministry of Food as the slaughtering centre. The remainder of the slaughterhouses in the Borough are closed for the time being.

### Carcases Examined

Number of carcases examined, 13,568 :—

Beast	..	..	..	..	..	..	2818
Sheep	..	..	..	..	..	..	9479
Calves	..	..	..	..	..	..	479
Pigs	..	..	..	..	..	..	792

### Whole Carcases with Viscera and Offal found to be unfit and confiscated (sent for Salvage) :—

Beast	..	..	..	..	..	..	73
Sheep	..	..	..	..	..	..	43
Calves	..	..	..	..	..	..	5
Pigs	..	..	..	..	..	..	11

Carcases with all viscera and offal found to be unfit and confiscated for following reasons (sent for Salvage) :—

Generalised Tuberculosis, 50 ; General Dropsy, 30 ; Parturient Fever, 10 ; Measles, 1 ; Congenital Tuberculosis, 1 ; Moribund, 1 ; Septic Pneumonia, 2 ; Jaundice and Tuberculosis, 1 ; Damage—extensive and deep (Decomposition), 10 ; Emaciation, 4 ; Johne's Disease with Emaciation, 8 ; Septicaemia (General), 1 ; Uraemia (General), 1 ; Tuberculosis with Emaciation, 4 ; Slink, 2 ; Dead Animals, 3 ; Septic Mammitis, 1 ; Parasites and Dropsy, 1 ; General Inflammatory Condition, 1.

### Viscera Destroyed

**Beasts'**—Lungs 164, Livers 179, Spleens 119, Mesenteries 217, Kidneys 165, Stomachs 318, Heads and Tongues 257, Udders 186, Hearts 82, Skirts 68.

**Sheeps'**—Stomachs 141, Heads 53, Plucks 78, Livers 57, Lungs 5

**Calves'**—Lungs 6, Livers 6, Mesenteries 5, Kidneys 10, Spleens 5, Hearts 5, Heads and Tongues 5, Stomachs 20.

**Pigs'**—Plucks 34, Stomachs 20, Mesenteries 23, Heads 24.

### General Meat found to be unfit and confiscated (sent for Salvage) 4,308 lb.

Home killed Beef	..	..	..	..	3875 lbs.
Home killed Mutton	..	..	..	..	36 lbs.
Home killed Veal	..	..	..	..	127 lbs.
Home killed Pork	..	..	..	..	270 lbs.



## General Food Destroyed (most of this was sent for Salvage) :—

Canned Foods	..	..	..	..	..	2568 Tins.
Fish	..	..	..	..	..	200 lbs.
Bacon	..	..	..	..	..	211 lbs.
Polony	..	..	..	..	..	15 lbs.
Butter	..	..	..	..	..	65 lbs.
Canned Beast's Liver	..	..	..	..	..	13 lbs.
Yeast	..	..	..	..	..	315 lbs.
Cheese	..	..	..	..	..	8 lbs.
Dried Fruit	..	..	..	..	..	56 lbs.
Total						3451 lbs.

## Food and Drugs (Adulteration) Act

Informal samples taken, Milk 30.

*Results*—Number 4 found to be deficient in fat to the extent of 6 per cent.

Subsequent samples taken from this source were found genuine.

The Analyst usually gives an analysis as well as a bacteriological examination.

All official samples under the Food and Drugs Act are now taken by the Inspectors of the County Council, as the body responsible for its administration.

## Water Analysis

Water samples taken for Bacteriological examination and Chemical Analysis, 13.

From the Public Supply	..	..	..	..	..	6
From the Clay Lane Bore Hole	..	..	..	..	..	7

*Results*—All samples taken from the Public Supply were found satisfactory with regard to their Bacteriological and Chemical examination.

The samples taken from Clay Lane Bore Hole were found as under :—

- |       |                                  |                                  |
|-------|----------------------------------|----------------------------------|
| No. 1 | Bacillus Coli present.           | Non-faecal.                      |
| No. 2 | Bacillus Coli present in 100 ml. | Absent in 50 mls.<br>Non-faecal. |
| No. 3 | Satisfactory.                    |                                  |
| No. 4 | Bacillus Coli present in 1 ml.   | Non-faecal.                      |
| No. 5 | Bacillus Coli present in 1 ml.   | Non-faecal.                      |
| No. 6 | Bacillus Coli present in 5 mls.  | Non-faecal.                      |
| No. 7 | Bacillus Coli present in 2 mls.  | (Presumptive). Non-faecal.       |

## Report as to the administration of Canal Boats Acts for the year 1941

Arrangements made for the inspection of Boats, and name and address and remuneration of the Inspector :—

The boats are examined at the various wharves within the Council's area.

Inspections carried out by the Sanitary Inspector, Public Health Department, 25 Middlegate, Newark, whose duties includes those of Canal Boats Inspector.

Number of Inspections of Canal Boats made. Condition of Boats and occupants, as regards the matters dealt with in the Acts and Regulations 32

Any infringement of the Acts and Regulations with respect to :—

Registration	..	..	..	..	..	..	..	Nil
Notification of Change of Master	..	..	..	..	..	..	..	Nil
Certificates	..	..	..	..	..	..	..	Nil
Marking	..	..	..	..	..	..	..	Nil
Overcrowding	..	..	..	..	..	..	..	Nil
Separation of Sexes	..	..	..	..	..	..	..	Nil
Cleanliness	..	..	..	..	..	..	..	Nil
Ventilation	..	..	..	..	..	..	..	Nil
Painting	..	..	..	..	..	..	..	Nil
Provision of Water Cask	..	..	..	..	..	..	..	Nil
Removal of Bilge Water	..	..	..	..	..	..	..	Nil
Notification of Infectious Disease	..	..	..	..	..	..	..	Nil
Admittance of Inspector	..	..	..	..	..	..	..	Nil
Insufficiency of Light in Cabins	..	..	..	..	..	..	..	Nil
Cleanliness of Water Cask	..	..	..	..	..	..	..	Nil
Offensive cargoes carried, double bulkheads not fitted	..	..	..	..	..	..	..	Nil

Legal proceedings taken in respect of any such infringements, and penalties inflicted .. Nil

Any other steps taken to secure compliance with the Acts and Regulations as regard such infringements :—

Intimation Notices served .. 1

Cases of Infectious Disease dealt with, and measures of Isolation adopted .. Nil

Detention of Boats for cleansing and disinfection .. Nil

Newark Urban District Council is not a Registration Authority.

Public Health Department, 25 Middlegate, Newark.

January, 1942.



# Rural District Council of Southwell

*Chairman*—Mr. ALEXANDER STRAW, J.P.

*Vice-Chairman*—Mr. ARTHUR CARNILL, J.P.

## *Members—*

Mr. J. C. TURNER	Mr. W. H. MOORE
Mr. H. BARTON	Mr. A. H. GALBRAITH
Mr. A. JENKINS	The Revd. H. C. D. BUTLER
Mr. J. W. HUNT	Mr. W. FOSTER
Mr. F. G. RADFORD	Mr. W. V. SHEPPARD
Mr. W. SHEPHERD	Mr. A. CARNILL J.P.
Mr. A. JENKINS	Mr. A. S. RICKETT
Mr. R. A. J. MELTON	Mr. G. RANYARD
Mr. S. J. M. HOLE	Mr. C. SHAW
Mr. G. GREGORY	Mr. W. H. HENTON
Mr. F. ARMSTRONG	Mr. J. T. P. FOSTER
Mr. J. DAVENPORT	Mr. H. B. WATSON
Revd. A. E. DAWE	Mr. H. DOBBS
Mr. R. PALING	Mr. W. A. B. MARSTON
Mr. H. WILLET	Mr. A. E. SINGLETON
Mr. E. G. GOZZARD	Mr. H. D. ARGLES, J.P.
Mr. F. J. GALE	Mr. R. A. SMITH MILNES
Mr. ALEX. STRAW, J.P.	Mrs. E. M. CAUDWELL
Mr. R. WRIGHT	Mr. R. H. BEAUMONT
Mr. E. FRANCKLIN, J.P.	Mr. H. A. J. MERRYWEATHER
Mr. B. G. SELBY	Mrs. V. M. BRYAN
Mr. W. P. DAY	Mr. J. W. PRICE
Mr. W. SCOTT	Mr. J. P. POOLE
Mr. H. BURNE	Mr. H. J. TRUEMAN
Mr. W. BRETT	Mr. J. G. WARD
Mr. J. M. SCOTT	Mr. A. R. REDFORD
Mr. E. VESSEY	Mr. W. BENNETT
Mr. S. GARNER	Lady MASSEREENE & FERRARD J.P.
Mr. J. TUXFORD	Mr. R. MORRIS
Mr. J. ESAM	

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## *Medical Officer of Health—*

G. G. BUCHANAN, M.B., Ch.B., D.P.H., Public Health Department,  
Middlegate, Newark

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## *Sanitary Inspectors—*

A. C. SMEDLEY, A.R.S.I., Cert. R.S.I., Edwinstowe, Mansfield  
B. D. HALL, A.R.S.I., Council Offices, 8 Westgate, Southwell

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## *Surveyor—*

S. COOPER, A.M.I.S.E., Council Offices, 8 Westgate, Southwell

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## *Clerk to the Council—*

JOHN ELLIS, Council Offices, 8 Westgate, Southwell

### STATISTICAL SUMMARY FOR 1941

Area of District	..	..	..	..	118,791 acres
Birth rate per 1,000 population	..	..	..	..	15·88
Death rate per 1,000 population	..	..	..	..	9·87
Infantile Mortality per 1,000 births	..	..	..	..	59·12

## Vital Statistics of the Year 1941

---

Live Births 595	Legitimate ..	Total 569	Males 283	Females 286
	Illegitimate ..	26	17	9

Birth Rate per 1,000 estimated resident population mid-1941, 15.88 (14.2)

Still Births	Legitimate ..	21	13	8
	Illegitimate ..	—	—	—

Birth Rate per 1,000 total (live and still) births, 34.09.

Deaths .. .. .	370	200	170
----------------	-----	-----	-----

Death Rate per 1,000 estimated average population, 9.87 (12.9) .

Number of Women dying in, or in consequence of Childbirth :—

From Puerperal Sepsis	0	Rate per 1,000 total (live and still) births —
From other puerperal causes	1	1.62 (0.48)
Total .. .. .	1	1.62

Death of Infants under 1 year of age :—

All infants per 1,000 births .. .. .	59.12(59)
Legitimate infants per 1,000 legitimate live births .. .. .	58.33
Illegitimate infants per 1,000 illegitimate live births .. .. .	76.91

Deaths from Cancer (all ages) .. .. .	45
Deaths from Measles (all ages) .. .. .	1
Deaths from Whooping Cough (all ages) .. .. .	4
Deaths from Diarrhoea (under 2 years of age) .. .. .	1

(Note.—Figures given in brackets are corresponding figures for England and Wales).

## Notifiable Diseases during the Year

DISEASE					Total Cases Notified	Cases admitted to Hospital	Total Deaths
Acute Poliomyelitis	..	..	..	..	1	—	—
Diphtheria	..	..	..	..	22	20	1
Scarlet Fever	..	..	..	..	42	19	—
Enteric Fever (including Paratyphoid)	..	..	..	..	4	3	—
Puerperal Pyrexia	..	..	..	..	5	1	—
Pneumonia	..	..	..	..	46	—	10
Erysipelas	..	..	..	..	6	—	—
Measles	..	..	..	..	373	—	1
Whooping Cough	..	..	..	..	149	—	4
Cerebro Spinal Fever	..	..	..	..	1	—	—
Ophthalmia Neonatorum	..	..	..	..	2	—	—
Pulmonary Tuberculosis	..	..	..	..	24	11	14
Non-Pulmonary Tuberculosis	..	..	..	..	8	—	—

# INFECTIOUS DISEASES

Analysis of Notified Cases during the year 1941, according to Age Groups

DISEASE	AGE GROUPS											
	Under 1 year	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over
Cerebro Spinal Fever ..	—	—	—	—	—	—	—	—	—	1	—	—
Scarlet Fever ..	—	1	6	2	3	13	4	3	6	3	1	—
Diphtheria ..	—	—	1	2	1	9	3	3	2	—	1	—
Enteric Fever (including Paratyphoid)	—	—	—	—	—	1	—	1	—	1	1	—
Puerperal Pyrexia ..	—	—	—	—	—	—	1	—	3	1	—	—
Pneumonia ..	—	3	3	1	1	2	2	1	6	8	10	9
Anterior Poliomyelitis ..	—	—	—	—	—	—	1	—	—	—	—	—
Erysipelas ..	—	—	—	—	—	—	—	—	1	1	2	2



# Infectious Disease, 1931-1941

Year	Diphtheria including Membranous Croup	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Pyrexia	Pulmonary Tuberculosis	Other forms of Tuberculosis	Ophthalmia Neonatorum	Measles	Pneumonia	Whooping Cough	Cerebro-Spinal Fever	Total
1931	12	9	57	3	2	26	7	3		40		12	287
1932		8	30	1	2	26	8	5		25		2	106
1933	16	8	49		3	31	18	5		44		3	177
1934	14	13	66		2	28	15	3		25			166
1935	8	4	89		10	32	16	4		29			192
1936	5	5	93		4	30	5	1		23			166
1937	17	14	137		9	20	10	4		41		1	253
1938	50	14	86		10	22	8	3		39			232
1939	30	6	140	3	9					33			221
1940	13	11	98		3	26	5	5	562	28	12	9	772
1941	22	6	42	4	5	24	8	2	373	46	149	1	682

# TUBERCULOSIS

## New Cases and Mortality during 1941

### Rural District of Southwell

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	1	—	—	—	—	—
5	—	—	—	—	—	—	—	—
10	—	—	—	3	—	—	—	—
15	2	3	—	1	—	1	—	—
20	2	2	1	—	1	1	—	—
25	5	4	—	1	1	2	—	—
35	1	2	—	—	3	2	—	—
45	—	—	—	1	1	—	—	—
55	1	1	—	—	—	1	—	—
65 & Upwards	1	—	—	—	1	—	—	—
Totals	12	12	2	6	7	7	—	—

(1) Non-notified deaths:—Pulmonary Tuberculosis, 1

Non-Pulmonary Tuberculosis, —

(2) There is no evidence of excessive mortality from Tuberculosis in any particular occupation in this area.

**Public Health (Prevention of Tuberculosis) Regulations, 1925.**

No action has been necessary under these Regulations.

**Public Health Act, 1936. Section 172.**

No action has been necessary under the above heading.

Infectious Diseases

No serious outbreak of infectious disease occurred in the district during the year. The number of cases of Whooping Cough notified increased from 12 in 1940 to 149 in 1941, but the increase was wide-spread and no part of the district was particularly affected.

In March a scheme for the immunisation against diphtheria of pre-school and school children was commenced and the number of cases notified towards the end of the year dropped noticeably.

The following table shows the notifications of diphtheria received month by month :—

January 2	July 1
February 3	August —
March 2	September —
April 7	October —
May 3	November —
June 2	December 2

By December 1,346 pre-school and 2,718 school children had been given the necessary course of two injections.

In August four cases of Paratyphoid Fever were notified. Careful investigation however, failed to discover a source of infection or any connection with those cases occurring at the same time in Newark Borough and Newark Rural District.

Isolation Hospital

Fifty cases were admitted to the Isolation Hospital in 1941. These came from the following parishes :—

Parish	Scarlet Fever				Diphtheria		
Maplebeck .. ..	1	..	..	..	—		
Egmanton .. ..	1	..	..	..	—		
New Ollerton .. ..	2	..	..	..	15		
Blidworth .. ..	2	..	..	..	—		
Laxton .. ..	1	..	..	..	—		
Lowdham .. ..	1	..	..	..	—		
Gonalston .. ..	1	..	..	..	—		
Edwinstowe .. ..	2	..	..	..	1		
Perlethorpe .. ..	1	..	..	..	—		
Southwell .. ..	5	..	..	..	—		
Bleasby .. ..	1	..	..	..	—		
Farnsfield .. ..	1	..	..	..	2		
Clipstone .. ..	—	..	..	..	1		
South Muskham .. ..	—	..	..	..	1		
Wellow .. ..	—	..	..	..	2		
	—				—		
	19				22		
	—				—		

9 Cases were from other districts, namely :—

<i>District</i>	<i>No. of Cases</i>
Arnold U.D.C.	1 Scarlet Fever
Carlton U.D.C.	3 (Scarlet Fever 1, Diphtheria 2)
Kirkby-in-Ashfield	1 Scarlet Fever
Newark Borough	4 Scarlet Fever

## **Treatment Centres and Clinics**

The Treatment Centres and Clinics in the District are maintained by the County Council. These are set out below.

### **Child Welfare Centres**

Bilsthorpe	Village Hall	Thursday, 2 to 4.30 fortnightly
Blidworth	Methodist School	Monday, 2 to 4.30 weekly
Clipstone	Church Hut	Friday, 2 to 4.30 weekly
Edwinstowe	Church Instn.	Thursday, 2 to 4.30 weekly
Lowdham	The Institution	Tuesday, 2 to 4.30 weekly
N. Muskham	Methodist School	Friday, 2 to 4.30 fortnightly
Ollerton	Methodist Chapel	Tuesday and Wednesday, 2 to 4.30 weekly
		Wednesday, 9.30 to 12 fortnightly
Rainworth	Methodist Chapel	Tuesday, 2 to 4.30 fortnightly
Southwell	45 King Street	Thursday, 2 to 4.30 weekly
Sutton-on-Trent	Church Hall	Tuesday, 2 to 4.30 fortnightly

Ante-natal Clinics are maintained in connection with each of these Centres.

### **School Clinics**

Bilsthorpe	Village Hall	Tuesday, 9.30 to 12
		Friday, 2 to 4
Clipstone	Church Hut	Tuesday, 9.30 to 12
		Friday, 9.30 to 12
Ollerton	Methodist Chapel	Tuesday, 9.30 to 12
		Friday, 9.30 to 12
Southwell	45 King Street	Monday, 9.30 to 12
		Thursday, 9.30 to 12

### **General**

Owing partly to increasing duties in connection with A.R.P. services and the decontamination of food stuffs the amount of inspection work carried out by the inspectors has diminished. It is felt that only by regular routine inspections can one be assured that serious trouble will be avoided under present circumstances. This cannot be done by two Sanitary Inspectors.



# ANNUAL REPORT OF SANITARY INSPECTORS FOR THE YEAR 1941

## NORTH DISTRICT

Number of Statutory Notices served (for 19 houses)	..	7
„ „ „ complied with	.. ..	4
„ „ „ in hand	.. ..	3
„ Preliminary notices served for abatement of nuisances		5
„ „ „ complied with	.. ..	5
Letters sent out	.. ..	78
Notices served under the Housing Act, not included above		

### Inspections.

Houses inspected re defective conditions..	.. ..	54
Houses visited re Infectious Diseases	.. ..	41
Houses visited re overcrowding	.. ..	6
Premises for Nuisances	.. ..	40
Nuisances abated	.. ..	40
Water supplies	.. ..	5
Vans	.. ..	8
Visits to refuse tips (controlled)	.. ..	142
Slaughterhouses	.. ..	32
Meat Shops	.. ..	38
Bakehouses	.. ..	23
Workshops	.. ..	12
Petroleum Stores	.. ..	28
Cowsheds and Dairies	.. ..	153
Schools	.. ..	3
Drainage Schemes	.. ..	57
Interviews with Owners and Builders	.. ..	39

### Water Supply.

By reason of complaints, three samples of water have been taken from premises supplied with water from wells, and sent for analysis, and all were stated to be polluted and unfit for drinking and domestic use, and water from the Council's water mains has been laid on to substitute the well water in all three cases.

Ten samples have been taken from the Public supplies during the year and all samples proved to be of a satisfactory chemical and bacterial quality for human consumption and domestic use. Thirty-one houses have been supplied with water from the Council's mains during the year.

### Bakehouses.

There are 11 Bakehouses in this area which have been inspected and found to have been kept clean and limewashed.

## Factories and Workshops

	Inspections	Written Notices	Occupiers Prosecuted
	12	5	Nil
<b>Defects :—</b>	Found	Remedied	Referred to H. M. Inspector
Want of cleanliness	5	5	Nil.

## Slaughterhouses.

There are 14 slaughterhouses in the area, which are all licensed yearly now, these have been frequently visited by me and found to have been kept clean. Private slaughterhouses is not done now by butchers owing to the Meat Rationing Scheme.

## Tinned Foods.

116 Tins of fruit, fish and meat have been surrendered and destroyed during the year by reason of the tins being “blown.”

## Cowsheds and Dairies

Number given up selling milk .. .. .	7
Number of persons Registered during the year ..	11
Registered as producers .. .. .	237
„ producers and retailers .. .. .	60
„ buttermakers .. .. .	39
Approximate number of cowsheds .. .. .	321
New Drainage provided .. .. .	3
New floors with channels .. .. .	5
New feeding troughs .. .. .	5
Ventilation improved .. .. .	4
Roofs repaired .. .. .	4
New outside pavement .. .. .	2
New cooling sheds .. .. .	3

Old cowsheds have been reconstructed at Mill Farm, Eakring, Elm Farm, Boughton, Little Leyfields, Rufford, Cauntton Manor grounds, Corner Farm, Ollerton. New floors and channels, new feeding troughs and partitions and improved ventilation and drainage has been provided at these cowsheds also are new roof, spouting and windows.

Informal Notices re limewashing .. .. .	28
Informal Notices re removal of manure .. .. .	12

## Petroleum Stores

During the year one new tank was tested and licensed. All the stores are underground and in good condition.

No. of licences issued during the year      ..      ..      ..      36

## Infectious Diseases

Infectious diseases have occurred in 41 houses during the year, and the infected rooms and contents have been disinfected by spraying with Formaldehyde and fumigation by Formic Aldehyde Vapour.

## Scavenging

Public scavenging is done by the Council under contract in the Parish of Sutton-on-Trent, and the refuse is dealt with on farm land by the contractor in a satisfactory manner : also in the Parishes of Edwinstowe, Clipstone, Boughton, Ollerton, Bilsthorpe and the part of Eakring Parish where the colliery bungalows are situated, and Wellow.

The dust-bin refuse from these Parishes is collected weekly and taken to four tips provided by the Council and dealt with under the controlled (Bradford) tipping system, two men working under my control on each tip, and the night soil is taken to farm land by the contractors and dealt with in a satisfactory manner.

All tins are collected from these tips and taken for salvage. A system of collection of tins, broken pots, etc., is also done by the Council under contract in Walesby and Eakring Parishes. The tins are now collected for salvage and the broken pots and bottles taken to tips in the fields about a mile from the villages.

## Scavenging of Streets

Workmen are employed by the Council in clearing litter from the streets in the Parishes of Clipstone, Bilsthorpe and part of Eakring, Ollerton and Boughton as follows :—Ollerton and Boughton one man works three days weekly. Eakring, Bilsthorpe and Clipstone, one man works two days at the week end, one man for Bilsthorpe and Eakring and one man for Clipstone, all work under my control.

## Salvage Collection

A lot of time has been taken up in salvage collection and arranging schemes in the various 27 Parishes during the year, monthly collection of tins, metal, paper and bones have been arranged and depots selected for the storage in each Parish.

The following figures show the amount of salvage collected from January to August.:

Ferrous Metals	..	..	..	..	53tons	17cwts.	
Paper	..	..	..	..	35 „	16 „	2qrs.
241 sacks of best white paper							
75 bales of cardboard and 2 bales of lime bags							
Bones 7cwts.							



## Details of Housing Work, &c

New drainage	..	..	..	..	..	7
Drains repaired	..	..	..	..	..	12
New gully traps	..	..	..	..	..	17
New inspection chambers	..	..	..	..	..	16
New sinks	..	..	..	..	..	4
Drains connected to sewer	..	..	..	..	..	6
Blocked drains relieved	..	..	..	..	..	24
W.C.'s repaired	..	..	..	..	..	6
Blocked sewers relieved	..	..	..	..	..	1
Pail closets converted to W.C's.	..	..	..	..	..	4
Privies converted to W.C's.	..	..	..	..	..	1
Privies repaired	..	..	..	..	..	1
New pail closets	..	..	..	..	..	1
New fire-ranges, or repaired	..	..	..	..	..	11
New spouting, or repaired	..	..	..	..	..	18
New windows, or repaired	..	..	..	..	..	12
Roofs repaired	..	..	..	..	..	34
Outside walls repaired	..	..	..	..	..	13
Inside walls repaired	..	..	..	..	..	24
New floors, or repaired	..	..	..	..	..	11
Dairies repaired	..	..	..	..	..	7
Stairs repaired	..	..	..	..	..	5
Handrails fixed on stairs	..	..	..	..	..	2
New house doors	..	..	..	..	..	3
New ceilings, or repaired	..	..	..	..	..	11
Chimneys repaired	..	..	..	..	..	13
New pavements, or repaired	..	..	..	..	..	5
New dust bins	..	..	..	..	..	112
New closet pans	..	..	..	..	..	8
New cesspools	..	..	..	..	..	1
Cesspools repaired	..	..	..	..	..	1
New coppers	..	..	..	..	..	1
New coal houses, or repaired	..	..	..	..	..	2
New wash-houses, or repaired	..	..	..	..	..	1



## HOUSING

### 1. Inspection of Dwelling-houses during the year :—

1. (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) .. .. .	54
(b)	Number of inspections made for the purpose ..	75
2. (a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 .. .. .	23
(b)	Number of inspections made for the purpose ..	29
3.	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .. .. .	Nil.
4.	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation .. .. .	32

### 2. Remedy of Defects during the Year without Service of formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officer; .. .. .	30
---	----

### 3. Action under Statutory Powers during the year :—

(a)	Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 ..	
1.	Number of dwelling-houses in respect of which notices were served requiring repairs .. .. .	Nil
2.	Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a)	By owners .. .. .	Nil
(b)	By local authority in default of owners ..	Nil
(b)	Proceedings under Public Health Acts :	
1.	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .. .. .	7
2.	Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a)	By owners .. .. .	Nil
(b)	By Local Authority in default of Owners .. .. .	5 and 2 in hand

(c) Proceedings under sections 11 and 13 of the Housing Act, 1936 :—

1.	Number of dwelling-houses in respect of which Demolition Orders were made .. .. .	Nil
2.	Number of dwellinghouses demolished in pursuance of Demolition Orders. (Demolition Order from a previous year). .. .. .	4

(d) Proceedings under section 12 of the Housing Act, 1936 :—

1.	Number of separate tenements or underground rooms in respect of which Closing Orders were made .. .. . Proceedings under section 26 of the Housing Act, 1936 .. .. .	Nil
2.	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .. .. .	Nil

**Housing Act, 1936, Part IV.—Overcrowding**

(a)	1. Number of dwellings overcrowded at the end of the year .. .. .	42
	2. Number of families dwelling therein .. .. .	42
	3. Number of persons dwelling therein .. .. .	337
(b)	Number of new cases of overcrowding reported during the year .. .. .	2
(c)	1. Number of cases of overcrowding relieved during the year .. .. .	4
	2. Number of persons concerned in such cases .. .. .	30

A. C. SMEDLEY

*Sanitary Inspector*

# ANNUAL REPORTS OF THE SANITARY INSPECTORS FOR THE YEAR 1941

## SOUTH DISTRICT

Number of Statutory Notices served .. .. .	5
Number of Statutory Notices complied with .. .. .	5
Number of Informal Notices served .. .. .	48
Number of Informal Notices complied with .. .. .	41
Number of Informal Notices in hand .. .. .	7
Number of letters sent out .. .. .	301

### Inspections carried out

Houses re Sanitary Defects .. .. .	63
Houses re Infectious Disease .. .. .	48
Houses re Overcrowding .. .. .	6
Houses re Dirty Condition .. .. .	26
Slaughterhouses .. .. .	11
Meat Shops .. .. .	52
Cowsheds .. .. .	73
Bakehouses .. .. .	16
Knackeryards .. .. .	19
Provision Shops .. .. .	29
Fried Fish Shops .. .. .	2
Fish Shops .. .. .	6
Factories and Workshops .. .. .	11
Tips .. .. .	32
Accumulations .. .. .	23
Water Supplies .. .. .	23
Vans .. .. .	16
Choked Drains .. .. .	32
Drainage .. .. .	103
Petroleum Stores .. .. .	13
Interviews with Owners, Builders, etc. .. .. .	156
Miscellaneous .. .. .	19
Re-inspections .. .. .	116
Piggeries .. .. .	21

### Infectious Disease

During the year the disinfection of 32 rooms and their contents were carried out. Premises are disinfected by spraying with Formaldehyde and fumigation with Formic Aldehyde Vapour.

## Bakehouses

Number of retail bakehouses on register	..	..	..	11
Number of informal notices to limewash	..	..	..	3
Number of informal notices to limewash complied	..	..	..	3

## Factories and Workshops

			Inspections	Informal Notices	Occupier prosecuted
Factories	..	..	3	2	—
Workshops	..	..	5	4	—
Workplaces	..	..	3	—	—
			—	—	—
			11	6	Nil
			—	—	—

## Defects

			Found	Remedied	Referred to H.M. Inspector
Cleanliness	..		5	5	—
Defective closet	..		—	—	—
Accommodation	..		1	1	—
			—	—	—
			6	6	Nil
			—	—	—

## Cowsheds and Dairies

Number of persons registered during the year	..	..	..	10
Number of premises registered during the year	..	..	..	8
Number of persons on the register as producers	..	..	..	158
Number of persons on the register as producers and retailers	..	..	..	78
Number of persons on the register as butter-makers	..	..	..	22
Approximate number of sheds	..	..	..	317
New cowsheds constructed	..	..	..	2
New concrete floors and channels provided	..	..	..	5
Drainage improved	..	..	..	5
Water supply improved	..	..	..	4
Informal Notices re limewashing	..	..	..	36
re removal of manure	..	..	..	12
re infringements of the Milk and Dairies Order, 1926	..	..	..	9

## Milk (Special Designations) Order, 1936

In the latter part of the year one licence was issued to sell milk as pasteurised. The first sample of milk proved unsatisfactory, but after spending some time with the producer, the subsequent samples proved satisfactory. Seven supplementary licences were issued during the year, one being for Tuberculin Tested Milk and six for pasteurized milk.



**Slaughterhouses**

There are 17 privately owned slaughterhouses in the District, but owing to the Meat Rationing system, these are seldom used except for occasional slaughtering of casualties or cottagers' pigs. No bye-laws for governing slaughterhouses are in operation.

The following diseased and unsound food has been surrendered during the year :—

- One carcase of mutton and all organs.
- 7-lbs. Jam.

**Knackeryards**

There are two licenced knackeryards in the district. At one period one got in a very dirty condition, and after a warning the conditions were improved.

**Slaughter of Animals Act, 1933**

Number of new licences issued during the year . .	..	7
Number of licences held at the end of the year	..	7

**Water Supply**

All the twenty-six Parishes in the South District are provided with a piped supply of water. Fourteen samples were taken from the Public Supplies during the year. Thirteen were found to be satisfactory and the fourteenth was slightly below standard, but this was remedied after the storage tank was repaired and cleansed. One private supply was found to be unsatisfactory at Gunthorpe, and after communicating with the owners a satisfactory supply was provided.

The number of domestic premises connected to the Public Supply during the year was 12.

## Food and Drugs Acts, 1938

Sampling under the above Act is carried out by the Nottinghamshire County Council. The following information has been kindly supplied by Mr. E. Templeman (Chief Inspector).

Report of the Public Analyst upon articles analysed by him under the above Act and of those examined by the Inspectors in the Southwell Rural District during the year ending the 31st December, 1941.

<i>Articles</i>	<i>No. of Samples</i>	<i>Result of Analysis</i>
Almonds, ground	1	Genuine
Barley, pearl	1	Genuine
Butter	2	Genuine
Cheese, processed	1	Genuine
Cooking fat	1	Genuine
Custard Powder	1	Genuine
Damsons, tinned	1	Genuine
Elinalade	1	Genuine
Epsom Salts	1	Genuine
Friars Balsam, B.P.	1	Genuine
Gin	4	All correct (examined by Inspector)
Irish Stew, tinned	1	Free from preservatives and metallic contamination
Lard	1	Genuine
Milk (by Inspectors)	63	56 correct, 7 incorrect
(by Analyst)	10	1. 12% deficient in milk fat (Cautioned)
		2. Genuine
		3. Genuine
		4. Slightly deficient in milk fat. (Cautioned)
		5. 13% deficient in milk fat. (Cautioned)
		6. Genuine
		7. 35% deficient in milk fat. (Cautioned)
		8. 6.9 parts added water. (Prosecution pending)
		9. 11 parts added water. (Prosecution pending)
		10. 8.8 parts added water. (Fined £5 and £1 1s. 0d. costs)
Mineral Waters	1	Genuine
Paste, Turkey and Tongue	1	Free from preservatives
Pepper	2	Genuine
Rhubarb, Tinc. of, BP.	2	Genuine
Rice	1	Genuine
Rum	2	Both correct (examined by Inspectors)

Sulphur, Flowers of	1	The sample appeared to be crushed lump Sulphur. (Cautioned)
Syrup of Figs	1	Genuine
Vinegar	2	1. Artificial vinegar prepared by diluting Acetic Acid and colouring with Caramel. (No action taken)
		2. Genuine
Whisky	4	3 correct, 1 incorrect, 1.9 parts excess water. (Prosecution pending)

Samples taken under the Milk (Special Designations) Orders, 1936-38, and examined by the County Bacteriologist.

		<i>No. of Samples taken</i>	<i>Complied</i>	<i>Failed to comply</i>
Tuberculin Tested	..	7	7	—
Accredited	..	27	18	9
		—	—	—
		34	25	9
		—	—	—

Informal samples of milk tested by the Inspectors by “ Garber ” Tester.

			<i>No. of samples taken</i>	<i>Correct</i>	<i>Incorrect</i>
No. of samples taken by the Inspectors	..	..	154	145	9
No. of samples submitted by milk vendors to the Inspectors	..	..	2	2	—
			—	—	—
			156	147	9
			—	—	—

### Factories and Workshops

			<i>Inspections</i>	<i>Informal Notices</i>	<i>Occupier Prosecuted</i>
Factories	..	..	3	2	—
Workshops	..	..	5	4	—
Workplaces	..	..	3	—	—
			—	—	—
			11	6	—
			—	—	—

### Defects

			<i>Found</i>	<i>Remedied</i>	<i>Referred to H.M. Inspector</i>
Cleanliness	..	..	5	5	—
Defective closet accommodation			1	1	—
			—	—	—
			6	6	—
			—	—	—

## Cleansing Work

Refuse is collected in the following Parishes :—

Blidworth	Hoveringham	Oxton
Epperstone	Lowdham	Southwell
Farnsfield		

With the exception of the Parish of Blidworth, the work is carried out by contract. Collections are made weekly, except in the Parish of Gunthorpe, this being a monthly collection of dry refuse only. Cesspools are emptied monthly in the Parish of Blidworth. The Council own refuse tips at Blidworth and Southwell, the Colliery also loan a tip at Rufford. These are treated for rats periodically by the Rat Catcher employed by the Notts. War Agricultural Executive Committee, and a fee is paid for his services. A man is employed on the Blidworth and Rufford tips.

Despite transport difficulties and black-outs, the work has been carried out in a satisfactory condition.

Below are the particulars of the work carried out in the Parish of Blidworth :—

Number of ashbins emptied during the year	..	..	86,497
Number of ashpits emptied during the year	..	..	154
Number of pails emptied during the year	..	..	2,854
Number of cesspools emptied during the year	..	..	376
Loads of dry refuse removed	..	..	1,435
Loads of wet refuse removed	..	..	428
Approximate number of houses	..	..	1,600

## Salvage Work

Considerable time was spent during the first seven months of the year, organising and arranging collections in the 26 villages. In August the Council transferred the work to a special salvage officer, who was appointed to carry out this work and so relieve the Sanitary



Inspectors of this work. I give below the figures for the seven months I carried out the work. It will be seen that a scheme for the collection of kitchen waste was commenced in May. This scheme was an experiment and was tried out in one of the Colliery Villages, up to the time of handing over, the scheme was working well. Ashbins were provided by the Council, one to every five or six houses, and the public responded very well to the appeal for waste food.

Month	Paper		Ferrous Metals		Non-Ferrous Metals		Textiles		Bones		Kitchen Waste		Total Value		
	T.	C.	T.	C.	T.	C.	T.	C.	T.	C.	T.	C.	£	s.	d.
January	4	16	9	13						2½			26	18	0
February	11	13	19	14									65	0	0
March	10	9	36	5		½		2		4			74	9	0
April	8	1	22	8		2½				3			56	4	6
May	5	8	15	8		¼		½		8	3	15	45	19	10
June	12	11	29	17							3	15	83	0	0
July	10	14	21	5		½		3¼		4	1	19	70	9	3
Totals	63	12	154	10		3¾		5¾	1	1½	9	9	422	0	7

Owing to the widely scattered nature of the district, the cost of collection, especially tins, is very heavy, and a loss is incurred on the work.

### Closet Accommodation of the District

Number of conversions to water closets					Number of closets on the conversancy system on 31st December, 1941		Number of W.C.s in the District 31st Dec., 1941	
1937	1938	1939	1940	1941	Pails	Others		
42	43	31	4	7	897	1074	1654	

## Housing Work.

### 1. Inspection of dwelling-houses during the year.

(1) (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts )	... ..	41
(b)	Number of inspections made for the purpose	...	63
(2) (a)	Number of dwelling-houses included under sub-head (1) above which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	... ..	32
(b)	Number of inspections made for the purpose	...	38
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	... ..	Nil
(4)	Number of dwelling-houses exclusive of those referred to under the preceding sub-head, found not to be in all respects reasonably fit for human habitation	... ..	18

### 2. Remedy of defects during the year without service of formal notices.

	Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	.. ..	12
--	---	-------	----

### 3. Action under Statutory Powers during the year.

(a)	Proceedings under sections 9, 10 and 16 of the Housing Act, 1936	... ..	Nil.
(b)	Proceedings under Public Health Acts :—		
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	... ..	5
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :		
(a)	By Owners	... ..	5
(b)	By local authority in default of owners		Nil.
(c)	Proceedings under sections 11 and 13 of the Housing Act 1936 :		Nil.
(d)	Proceedings under section 12 of the Housing Act, 1936	... ..	Nil.

#### 4. Housing Act, 1936. Part iv. Overcrowding :—

Owing to “ Callups ” and evacuation in the area, it has been impossible to keep check on the overcrowding. During the year, one statutory notice was served for the abatement of overcrowding at a house at Averham. This notice was complied with.

### **Petroleum Stores**

All stores have been kept in a satisfactory condition, the majority of the stores are underground.

Number of licences issued for storage during the year	..	47
Number of storage places discontinued during the year	..	2

### **Assistance to the Military**

During the year assistance and advice has been given to various Military Units in connection with drainage, salvage, billets and scavenging.

### **Civil Defence Work**

The following duties have been allotted to me, Decontamination Officer, Food Decontamination Officer, and Deputy Sub-Controller. In connection with the food, all the shops and Hotels in the area were given advice on the safe-guarding of foodstuffs in case of gas.

8th August, 1942

B. D. HALL, *Sanitary Inspector*

# Newark Rural District Council

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*Chairman*—C. W. LANE, J P.

Mr. G. A. SMITHSON	Mr. G. E. PENNINGTON
Mr. T. A. SPRAY	Mr. W. F. PLAYER
The Revd. F. H. BURNSIDE	Mr. E. M. HALL
Mrs. CURTIS	Mr. J. R. BOTTOMLEY
Mr. H. SCOTT	Mr. C. McBRAYNE
Mr. G. A. ROSS	Mr. A. WILSON
Miss E. D. BROWNE	Mr. G. A. FILLINGHAM
Mr. R. H. HOWITT, J.P.	Mr. T. D. MOSSCROP
Mr. H. H. BROWN	Mr. C. H. HOOD
Mr. H. LAMB	Mr. R. D. K. BRADLEY
Mr. T. BRADLEY	

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*Medical Officer of Health*

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

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*Sanitary Inspector*

R. OAKDEN, A.M.I.C.E., M.I.M. & Cy.E., Church Lane, Farndon

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*Clerk to the Council*

H. G. PEARSON, 24 Lombard Street, Newark



# Newark Rural District Council

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## Statistical Summary for 1941

Area of District	..	..	..	..	..	40,000 acres
Number of inhabited houses at the end of year 1941						3,020
Rateable value	..	..	..	..	..	£41,288
Sum represented by penny rate	..	..	..	..	..	£164 13 11
Birth rate per 1,000 population	..	..	..	..	..	15·52
Death rate per 1,000 population	..	..	..	..	..	12·15
Infant Mortality per 1,000 Births	..	..	..	..	..	59·92

## Vital Statistics of the Year 1941

		Total	Males	Females
Live Births 166	Legitimate ..	159	85	74
	Illegitimate ..	7	2	5
Birth Rate per 1,000 estimated resident population, 15.52 (14.2)				

Still Births 5	Legitimate ..	5	3	2
	Illegitimate ..	—	—	—
Birth Rate per 1,000 total (live and still) births, 29.42				

Deaths	.... ..	130	77	53
Death Rate per 1,000 estimated average population, 12.15 (12.9)				

### Number of Women dying in, or in consequence of Childbirth :—

From Puerperal Sepsis .. ..	0
From other causes .. ..	1
Total	1

Rate per 1,000 total (live and still) births, 5.85 (0.48)

### Deaths of Infants under 1 year of age :—

All infants per 1,000 births .. ..	59.92 (59)
Legitimate infants per 1,000 legitimate live births ..	56.24
Illegitimate infants per 1,000 illegitimate live births ..	142.9

Deaths from Cancer (all ages) .. ..	14
Deaths from Measles (all ages) .. ..	0
Deaths from Whooping Cough (all ages) .. ..	1
Deaths from Diarrhoea (under 2 years of age) .. ..	0

(Note.—Figures given in brackets are corresponding figures for England and Wales).

### Notifiable Diseases during the Year

DISEASE						Total Cases Notified	Cases admitted to Hospital	Total Deaths
Diphtheria	..	..	..	..	..	2	2	—
Scarlet Fever	..	..	..	..	..	3	3	—
Enteric Fever (including Paratyphoid)	..				..	3	1	—
Puerperal Pyrexia	..	..	..	..	..	1	—	—
Pneumonia	..	..	..	..	..	6	2	7
Measles	..	..	..	..	..	5	—	—
Cerebro Spinal Fever	..	..	..	..	..	3	—	—
Whooping Cough	..	..	..	..	..	8	—	1
Pulmonary Tuberculosis	..	..	..	..	..	10	12	5
Non-Pulmonary Tuberculosis	..	..	..	..	..	3	2	—

# INFECTIOUS DISEASES

Analysis of Notified Cases during the year 1941, according to Age Groups

DISEASE	AGE GROUPS											
	Under 1 year	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over
Cerebro-Spinal Fever ..	—	—	—	1	—	—	—	—	—	2	—	—
Scarlet Fever ..	—	—	—	—	1	—	—	1	1	—	—	—
Diphtheria ..	—	—	—	—	1	1	—	—	—	—	—	—
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	2	1	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	1	—	—	—
Pneumonia ..	—	—	—	—	1	2	—	—	1	1	—	1



# Infectious Diseases, 1931—1941

Year	Diphtheria including Membranous Croup	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Fever	Pulmonary Tuberculosis	Other forms of Tuberculosis	Ophthalmia Neonatorum	Measles	Pneumonia	Whooping Cough	Cerebro-Spinal Fever	Total
1931	2	4	2	10		5	2						45
1932		3	12			9	1			1			42
1933	1	1	13			10	5			1			49
1934	2		10			9	2	1		1			25
1935	6		11	1		13	1			1			33
1936	4	1	39		2	7	2						55
1937	3		37			3	1			3			47
1938	9	1	11		1	10	1			1			33
1939	2	2	12		1					1			18
1940		2	5		2	15	10	1	33	4	5	1	78
1941	2		3	3	1	10	3		85	6	8	3	124

# TUBERCULOSIS

## New Cases and Mortality during 1941

### Rural District of Newark

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	1	1	—	—	—	—
5	1	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—
20	2	1	—	—	—	—	—	—
25	3	2	—	1	1	1	—	—
35	—	1	—	—	—	2	—	—
45	—	—	—	—	—	—	—	—
55	—	—	—	—	—	—	—	—
65 & upwards	—	—	—	—	—	1	—	—
Totals	6	4	1	2	1	4	—	—

(1) Non-notified deaths :—Pulmonary Tuberculosis .. —  
Non-Pulmonary Tuberculosis .. —

(2) There is no evidence of excessive mortality from Tuberculosis in any particular occupation in this area.

### Public Health (Prevention of Tuberculosis) Regulations 1925.

No action has been necessary under the above heading.

### Public Health Act, 1936. Section 172.

No action has been necessary under the above heading.

## **Treatment Centres and Clinics**

**Child Welfare Centres.** Three Child Welfare Centres are maintained by the County Council in the District, namely :—Balderton, Collingham and Farndon.

Sessions are held as follows :—

Balderton—Bullpit Lane. Thursday, 2 to 4.30 p.m. weekly

Collingham—Village Hall. Tuesday, 2 to 4.30 p.m. fortnightly

Farndon—Methodist Hall. Friday, 2 to 4.30 p.m. fortnightly

## **School Clinics**

A School Clinic is conducted by the County Council at Balderton. Sessions are held twice weekly on Monday and Thursday mornings.

## **Isolation Hospital**

By special arrangements with the Borough of Newark, cases of Infectious Disease are isolated in the Barnby Road Isolation Hospital.

The number of cases admitted was 6.

## **Infectious Disease**

No serious outbreak of infectious disease occurred in the district in 1941, but 3 cases of Paratyphoid Fever occurred when similar cases developed in the Borough of Newark. No source of infection was discovered.

In March commencement was made in immunising children against diphtheria. Children between the ages of 1 year and 15 years came within the scheme and by 21st December 350 pre-school children (1 to 5) years and 885 school children had been given the course of two injections. These figures give percentages of 37 and 63 respectively, but an all-round percentage of at least 75% is necessary to obtain the communal benefit desired.

# REPORT OF SANITARY INSPECTOR FOR THE YEAR 1941

## 1. Inspection of Dwellinghouses during the year

(1) (a) Number of houses inspected for sanitary or other defects .. .. .	35
(b) Number of inspections made for the purpose	60
(2) (a) Number of dwellinghouses, including above, inspected and recorded under the Housing Consolidated Regulations, 1935 .. ..	8
(b) Number of inspections made for the purpose	12
(3) Number of houses found to be unfit for human occupation .. .. .	Nil

## 2. Remedy of defects without formal notice

Number of houses rendered fit in consequence of informal action .. . . .	12
--	----

## 3. Number of houses in respect of which notices were served requiring repairs .. .. . Nil

## 4. Proceedings under Public Health Acts

Number of official notices served .. ..	4
Remedied by owners .. .. .	1
Remedied by Council in default of owners ..	2
Nuisances remedied without formal notices—	
Wells cleansed .. .. .	2
Drains cleansed .. .. .	10
New closets .. .. .	6
Other defects remedied .. .. .	2

## 5. Milk and Dairies Acts

Number of wholesale producers .. ..	62
Number of retail producers .. .. .	52
Retailers .. .. .	9
Dairies registered as buttermakers only ..	2
Number of inspections made during the year	211
Defects observed .. .. .	14
Defects remedied .. .. .	10

## 6. Slaughterhouses

All animals are now being killed in the Borough of Newark  
All premises have been inspected during the year.



## **Refuse Collection and Disposal**

Regular scavenging is carried out in the Parishes of Balderton and Farndon.

Before the war nine properly constructed enclosures were provided in other parishes for the deposit of tins and similar material.

Five other dumps have since been provided.

In order to save haulage some of this material is taken to the Newark Corporation depot, but the greater part is taken to the Balderton Sewage Disposal Works where it is sorted. By arrangement with the County Surveyor the tins are flattened out with a steam roller and sold.

Paper is being collected by co-operation with Boy Scouts and Salvage Stewards.

## **Water Supply**

The villages of North and South Collingham, Langford, Winthorpe, Coddington, Balderton, Hawton and Farndon are supplied with water from Newark. The remainder of the district is supplied by surface wells.

## **Sewage Disposal**

Sewage Disposal Works, consisting of tanks and filter beds, are in operation at North and South Collingham, Balderton and Winthorpe, and tanks only at Coddington.





